

10. (New) The sensor of claim 1 wherein a surface of said gate electrode is disposed above said portion of the top surface electrode.

11. (New) The sensor of claim 10 wherein said surface of said gate electrode disposed above said portion of the top surface electrode is separated from said portion of the top surface electrode only by said conducting material.

12. (New) The method of manufacturing a sensor of claim 4 wherein a surface of said gate electrode is disposed above said portion of the top surface electrode.

13. (New) The method of manufacturing a sensor of claim 12 wherein said surface of said gate electrode disposed above said portion of the top surface electrode is separated from said portion of the top surface electrode only by said conductive material.

In the Abstract

Please delete the abstract in its entirety and replace with the attached abstract.

REMARKS

The foregoing preliminary amendment is submitted to correct grammatical errors within the specification and claims. Furthermore, new claims 10-13 have been added to include limitations that were described in the specification as originally filed, but were not previously claimed.

Applicants submit that no new matter has been added. Entry of this preliminary amendment is respectfully requested.

If there are any outstanding issues that might be resolved by an interview or an Examiner's amendment, the Examiner is requested to call Applicants' attorney at the telephone number shown below.


To the extent necessary, a petition for an extension of time under 37 C.F.R. 1.136 is hereby made. Please charge any shortage in fees due in connection with the filing of this paper, including extension of time fees, to Deposit Account 500417 and please credit any excess fees to such deposit account.

Respectfully submitted,

**McDERMOTT, WILL & EMERY**

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By:

  
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